WORK SUMMARY LISTING

Skull TS
Road No. 7700314

Mile Post		Description of Work	Pay Item	Construction Notes
0.00	**BEGIN PROJECT:**	Roadside Brushing	23001	Junction 7700310
		Roadway Excavation	20402	
		Temp Traffic Control	63501	
0.50		Install 18"x30' CMP type 1	60201A	As Staked by ER
		Diversion	15709	
		Soil Erosion Control	15713	
		Place 20 CY Borrow	20407	As Staked by ER
0.60		**Begin:** Grid-Rolled Agg 6-in Deptl	32226	As Staked by ER
0.61		Install 57"x38"x35' Pipe Arch w/ Flared End Section and Toe Plate type 1	60202A	As Staked by ER Ethel Cr.
		Diversion	15709	Estimated 30 CY
		Soil Erosion Control	15713	Structural Backfill
		Place 40 CY Borrow	20407	Spec 704.04 (3"-0).
		Place 10 CY Riprap	25101	As Staked by ER
0.62	**END PROJECT:**	Roadside Brushing	23001	
		Roadway Excavation	20402	
		Grid-Rolled Agg 6-in Depth	32226	As Staked by ER
		Temp Traffic Control	63501	

WORK SUMMARY LISTING

Skull TS
Road No. 7700325

Mile Post		Description of Work	Pay Item	Construction Notes
0.00	**BEGIN PROJECT:**	Road Reconditioning	30357	Junction 77
		Temp. Traffic Control	63501	
0.10				Cattleguard
0.19		Pit Development	65101	Aggregate Source rt Existing 3/4"-0 Agg Govt. Stockpile
0.20	**END PROJECT:**	Road Reconditioning	30357	
		Temp. Traffic Control	63501	

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Checked R. STROHM
Reviewed R. STROHM

Forest
WALLOWA-WHITMAN N.F.
Project
SKULL TIMBER SALE

Sheet Title
WORK SUMMARY
Scale
NTS
Sheet Number
10 OF 19

WORK SUMMARY LISTING

Skull TS
Road No. 7725

Mile Post		Description of Work	Pay Item	Construction Notes
0.00	**BEGIN PROJECT:**	Roadside Brushing Roadway Reconditioning (shoulder, roadbed, surface) Temp. Traffic Control	23001 30357 63501	Junction 77
0.25		Place 20 CY Crushed Agg.	32232	As Staked by ER Govt. Furnished Mat.
0.44		Place 10 CY Crushed Agg.	32232	As Staked by ER Govt. Furnished Mat. Cattleguard
0.46		Place 20 CY Crushed Agg.	32232	As Staked by ER Govt. Furnished Mat.
0.50		Place 10 CY Crushed Agg.	32232	As Staked by ER Govt. Furnished Mat.
0.97				Little Eagle Cr.
1.45				Junction 090 rt
1.72		Install 18"x30' CMP type 1 Soil Erosion Control Place 40 CY Borrow	60201A 15713 20407	As Staked by ER As Staked by ER
2.55	**END PROJECT:**	Roadside Brushing Roadway Reconditioning (shoulder, roadbed, surface) Temp. Traffic Control	23001 30357 63501	Junction 150 rt

WORK SUMMARY LISTING

Skull TS
Road No. 7725065

Mile Post		Description of Work	Pay Item	Construction Notes
0.00	**BEGIN PROJECT:**	Roadside Brushing Roadway Excavation Temp. Traffic Control	23001 20402 63501	Junction 7725
0.04		Begin: Clean Ditch lt	20402	As Staked by ER
0.39		End: Clean Ditch lt		Junction xxx rt
0.52		Place 10 CY Grid-Rolled Agg Existing Drain Dip	32226	As Staked by ER
0.88		Install 18"x30' CMP type 1 Soil Erosion Control Place 40 CY Borrow	60201A 15713 20407	As Staked by ER As Staked by ER
0.89		**Begin:** Grid-Rolled Agg 6-in Deptl	32226	As Staked by ER
0.90		Install 57"x38"x35' Pipe Arch w/ Flared End Section and Toe Plate Diversion type 1 Soil Erosion Control Place 10 CY Riprap	60202A 15709 15713 25101	As Staked by ER Ethel Cr. Estimated 100 CY Roadway Excavation. Estimated 30 CY Structural Backfill Spec 704.04 (3"-0).
0.91	**END PROJECT:**	Roadside Brushing Roadway Excavation Grid-Rolled Agg 6-in Depth Temp. Traffic Control	23001 20402 32226 63501	 As Staked by ER

WORK SUMMARY LISTING

Skull TS
Road No. 7725090

Mile Post		Description of Work	Pay Item	Construction Notes
0.00	**BEGIN PROJECT:**	Roadside Brushing	23001	Junction 7725
		Roadway Excavation	20402	
		Temp. Traffic Control	63501	
0.49		Install 24"x30' CMP type 1	60201B	As Staked by ER
		Diversion	15709	
		Soil Erosion Control	15713	
		Place 20 CY Borrow	20407	As Staked by ER
0.50	**END PROJECT:**	Roadside Brushing	23001	
		Roadway Excavation	20402	
		Temp. Traffic Control	63501	

WORK SUMMARY LISTING

Skull TS
Road No. 7725150

Mile Post		Description of Work	Pay Item	Construction Notes
0.00	**BEGIN PROJECT:**	Roadside Brushing	23001	Junction 7725
		Roadway Excavation	20402	
		Grid-Rolled Agg 6-inch Depth	32226	As Staked by ER
		Temp. Traffic Control	63501	
0.10		Const. Utah Dip	20402	As Staked by ER
0.15		Existing Drain Dip		
0.20		Const. Utah Dip	20402	As Staked by ER
0.29		Existing Drain Dip		
0.37		Clean Existing 18" CMP	60709	As Staked by ER
0.40		**End:** Grid-Rolled Agg 6-in. Depth	32226	As Staked by ER
0.62	**END PROJECT:**	Roadside Brushing	23001	Junction 160 rt
		Roadway Excavation	20402	
		Temp. Traffic Control	63501	

WORK SUMMARY LISTING

Skull TS
Road No. 7735

Mile Post		Description of Work	Pay Item	Construction Notes
0.00	**BEGIN PROJECT:**	Mobilization Clearing and Grubbing Roadway Excavation Crushed Agg 3-inch Depth Temp Traffic Control	15101 20103A 20402 32203 63501	Junction Co. Rd 969 Double Cattleguard As Staked by Eng Rep (ER)
0.03		Install 36"x60' CMP type 1 Soil Erosion Control Remove Existing 24" Culvert Place 10 CY Riprap	60201C 15713 20301 25101	As Staked by ER As Staked by ER
0.10		Place 40 CY Borrow lt on outside shoulder Estimated: 50'x2'x10'	20407	Narrow traveled way Borrow From mp 0.03 As Staked by ER
0.17		Existing Turnout Rt. (TOR)	32203	Pvt Driveway lt
0.21		Clean Existing 18" Culvert **Begin:** Re-establish Ditch rt	60709 20402	As Staked by ER
0.22		Existing Turnout Lt. (TOL)	32203	
0.24		Existing Turnout Split (TOS)	32203	
0.33		Existing TOL	32203	
0.34		**End:** Re-establish Ditch rt	20402	As Staked by ER
0.42		Clean Existing 18" Culvert Existing TOL	60709 32203	As Staked by ER
0.60		Clean Existing 18" Culvert	60709	As Staked by ER
0.79		Existing TOL	32203	
0.82				Extisting Driveway Green Gate lt
0.87		Remove Waste Pile lt Haul to Waste Area 7741 Existing TOL	20402 32203	Existing 5' CMP
1.03		Existing TOL	32203	Riprap Available lt 20 CY
1.12		Repair Existing Cattleguard Wings and Clean	61909B 61909A	As Staked by ER
1.20		Existing TOL	32203	
1.22		Clean Existing 18" Culvert **Begin:** Re-establish Ditch rt	60709 20402	As Staked by ER
1.23		Existing TOL	32203	
1.29		Existing TOL	32203	
1.31		Clean Existing 18" Culvert	60709	Junction 847 lt As Staked by ER
1.32		Existing TOR	32203	
1.38				Junction 7741 rt to Waste Area
1.43		Clean Existing 24" Culvert	60709	As Staked by ER
1.49		Existing TOL	32203	
1.50		**End:** Re-establish Ditch rt Existing TOR	20402 32203	As Staked by ER
1.53		Existing TOR	32203	
1.63		Existing TOL	32203	Riprap Available lt 10 CY
1.70		Existing TOL	32203	

1.71	**Begin:** Excavate Traveled Way to 14', Re-establish Ditch rt,	20402	Narrow traveled way Solid Rock
	Place Riprap class 5 on Fill Slope/lt Shoulder (2' wide x 9' high), Layer Place & Compact	25101A	Riprap Available rt From Excavation As Staked by ER Estimated 63 CY Roadway Excavation
1.73	Install 15"x30' CMP w/Catchbasin type 3	60201	As Staked by ER
	Soil Erosion Control	15713	
1.75	**End:** Excavate Traveled Way to 14', Re-establish Ditch rt,	20402	Narrow traveled way Solid Rock
	Place Riprap class 5 on Fill Slope/lt Shoulder (2' wide x 9' high), Layer Place & Compact	25101A	Riprap Available rt From Excavation As Staked by ER
1.77	Existing TOR	32203	
1.82	Clean Existing 18" Culvert	60709	As Staked by ER
1.90	Existing TOR	32203	
1.94	Existing TOL	32203	
1.96	**Begin:** Excavate Traveled Way to 14', Shift centerline 2' rt. Re-establish Ditch rt Haul Excess Excavation to 7741 Waste Area	20402	Narrow traveled way Common Material As Staked by ER Estimated 366 CY Roadway Excavation
2.01	**End:** Excavate Traveled Way to 14', Shift centerline 2' rt. Re-establish Ditch rt Haul Excess Excavation to 7741 Waste Area	20402	Narrow traveled way Common Material As Staked by ER
2.02	Existing TOL	32203	Riprap Available rt 20 CY
2.03	Clean Existing 18" Culvert	60709	As Staked by ER
2.11	Existing TOL	32203	
	Clean Existing 18" Culvert	60709	As Staked by ER

2.18		Existing TOL	32203	
2.20		Install 15"x30' CMP w/Catchbasin type 3	60201	As Staked by ER
		Soil Erosion Control	15713	
2.30		Existing TOL	32203	
2.35		Existing TOL	32203	Eagle Forks CG lt
2.36	**End:**	Roadway Excavation	20402	
	Begin:	Roadway Reconditioning	30357	
		Clean Existing 18" Culvert	60709	As Staked by ER
2.39		Existing TOL	32203	
2.43		Clean Existing 15" Culvert	60709	As Staked by ER
2.49		Existing TOL	32203	
2.55		Existing TOL	32203	
2.60				Cattleguard
2.61		Existing TOR	32203	
2.63		Existing TOR	32203	
2.70		Existing TOL	32203	
2.76				Junction 731 lt
2.85		Clean Existing 15" Culvert	60709	As Staked by ER
2.90		Existing TOL	32203	
2.95		Existing TOL	32203	
2.96		Clean Existing 18" Culvert	60709	As Staked by ER
3.01				Junction 726 lt

3.08	Existing TOL	32203	
3.11	Existing TOL	32203	
3.20	Existing TOL	32203	
3.31	Cut 16" Ponderosa Pine lt Grub Stump and Dispose	20103	As Staked by ER 7741 Waste Area
3.37	Cut 10" Pondrosa Pine lt Grub Stump and Dispose	20103	As Staked by ER 7741 Waste Area
3.38	Existing TOR	32203	
3.42	Existing TOL	32203	
3.44	Existing TOR	32203	
3.49	Cut 10" Ponderosa Pine lt Grub Stump and Dispose	20103	As Staked by ER 7741 Waste Area
3.55	Existing TOL	32203	
3.70	Install 15"x30' CMP w/Catchbasin type 3 Soil Erosion Control	60201 15713	As Staked by ER
3.76	Existing TOL	32203	
3.90	Cut Eight 10" Ponderosa Pine lt Grub Stump and Dispose	20103	As Staked by ER 7741 Waste Area
3.95	Existing TOL	32203	
4.00	Existing TOL	32203	
4.02	Install 15"x30' CMP w/Catchbasin type 3 Soil Erosion Control	60201 15713	As Staked by ER

4.04	Existing TOL	32203	
4.12	Existing TOR	32203	
4.22	Existing TOL Grub Stump and Dispose	32203	Junction 7741 Waste Area As Staked by ER
4.30	Cut 20" Doug Fir lt Grub Stump and Dispose	20103	As Staked by ER 7741 Waste Area
4.32	Existing TOR	32203	
4.35	Existing TOR	32203	Switchback
4.40	Existing TOL	32203	
4.52			Junction 7739 rt
4.63	Existing TOL	32203	
4.67	Clean Existing 18" Culvert	60709	As Staked by ER
4.70	Existing TOL	32203	
4.75			Junction Pvt rt
4.79	Clean Existing 18" Culvert	60709	As Staked by ER
4.82			Junction Pvt rt
4.89			Junction 450 lt
4.91	Cut 10" Ponderosa Pine lt Grub Stump and Dispose	20103	As Staked by ER 7741 Waste Area
4.95	Existing TOL	32203	

5.01		Existing TOL	32203	
5.05		Install two 24"x30' CMPs type 1's	60201B	As Staked by ER
		Diversion	15709	
		Soil Erosion Control	15713	
		Place 10 CY Riprap	25101	
5.07		Clean Existing 18" Culvert	60709	As Staked by ER
5.21		Existing TOL	32203	
		Existing TOL	32203	
5.30				Junction rt
5.31		Install 15"x30' CMP w/Catchbasin type 3	60201	As Staked by ER
		Soil Erosion Control	15713	
		Remove Existing 15" Culvert	20301	
5.40		Existing TOL	32203	Enter FS
5.52		Existing TOL	32203	
5.55		Existing TOR	32203	
5.72		Existing TOL	32203	
5.82		Existing TOL	32203	
5.88				Junction 402 lt
5.90		Existing TOL	32203	
5.96	**END PROJECT:**	Mobilization	15101	Junction 7720 rt
		Clearing and Grubbing	20103A	
		Roadway Reconditioning	30357	
		Crushed Agg 3-inch Depth	32203	
		Temp Traffic Control	63501	

WORK SUMMARY LISTING

Skull TS
Road No. 7739

Mile Post		Description of Work	Pay Item	Construction Notes
0.00	**BEGIN PROJECT:**	Roadway Reconditioning	30357	Junction 7735
		Temp. Traffic Control	63501	
2.30		Pit Development	65101	Aggregate Source rt Existing Pit Run Agg Govt. Stockpile
2.31	**END PROJECT:**	Roadway Reconditioning	30357	
		Temp. Traffic Control	63501	

WORK SUMMARY LISTING

Skull TS
Road No. 7739050

Mile Post		Description of Work	Pay Item	Construction Notes
0.00	**BEGIN PROJECT:**	Roadside Brushing Roadway Excavation Temp. Traffic Control	23001 20402 63501	Junction 7739
0.03		Place 20 CY Grid-Rolled Agg	32226	As Staked by ER
0.06		Clean Existing 24" Culvert	60709	As Staked by ER
0.10		Install 18"x30' CMP type 1 Soil Erosion Control	60201A 15713	As Staked by ER
0.11	**END PROJECT:**	Roadside Brushing Roadway Excavation Temp. Traffic Control	23001 20402 63501	

STANDARD DETAIL FOR PIT DEVELOPMENT

NOT TO SCALE

GENERAL NOTES:

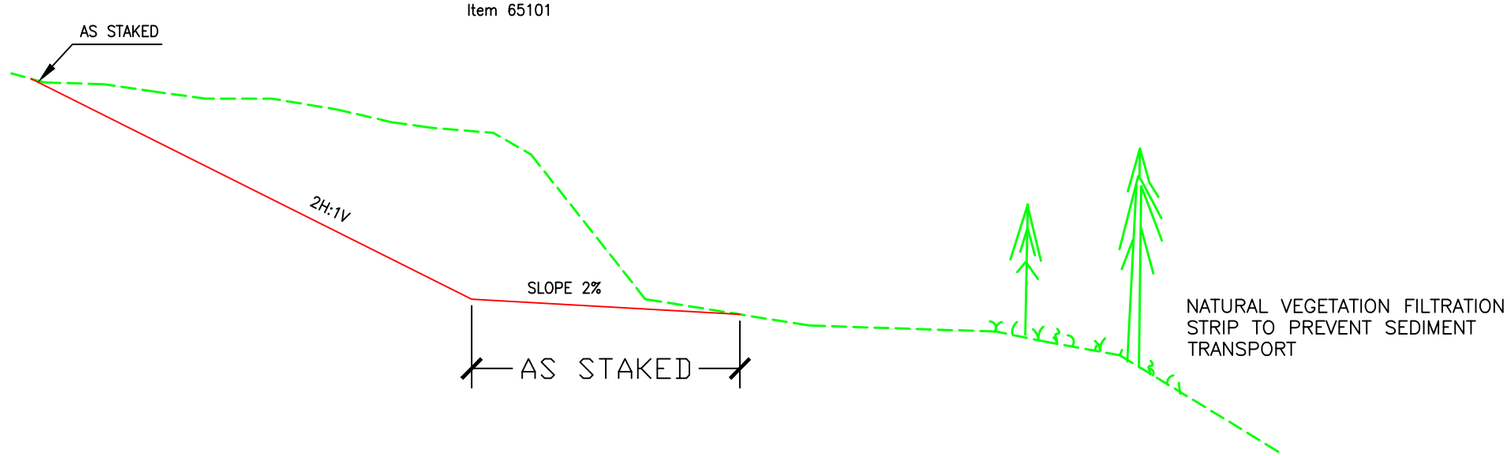
1. CONTRACTOR SHALL PROVIDE A PIT DEVELOPMENT PLAN TO BE APPROVED BY THE CO.
2. CLEARING AND GRUBBBING OF THE PIT AREA SHALL BE INDIRECT TO ITEM 65101. SLASH SHALL BE SCATTERED OR PILED OUTSIDE THE LIMITS OF PREVIOUS AND PROPOSED EXCAVATION.
3. PIT SLOPES SHALL BE AS SHOWN OR AS DIRECTED BY THE CO.
4. UTILIZE PIT RUN AGGREGATE TO FILL LARGE POTHOLES IN THE PIT ACCESS ROAD AT LOCATIONS STAKED BY THE CO.

AGGREGATE SOURCE LOCATIONS

SOURCE:	LOCATION:
#1	FSR 7700325 at approx. mp 0.20 T. 7 S, R. 44 E, SEC. 14, NW¼
#2	FSR 7739 at approx. mp 2.31 T. 7 S. R. 45 E, SEC. 20, SW¼

Pit Development

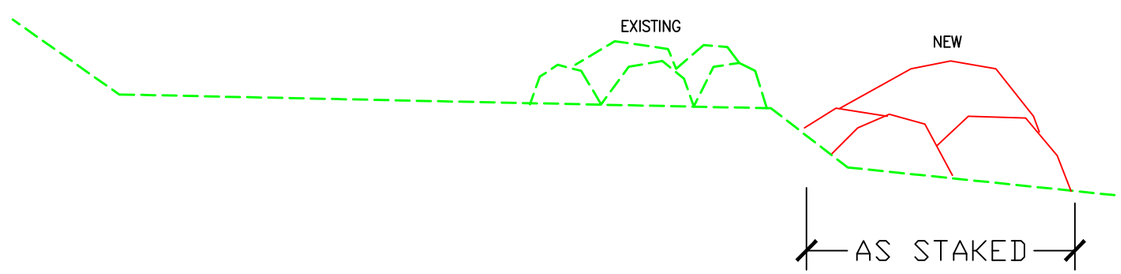
Item 65101



GENERAL NOTES:

1. WASTE SLOPES SHALL BE AS DIRECTED BY THE CO.

Waste Area



LOCATION:

FSR 7741 at approx. mp 0.25
T. 8 S, R. 45 E, SEC. 7

U.S. DEPARTMENT OF AGRICULTURE
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PACIFIC NORTHWEST REGION

Drawn	T. ARMON
Design	T. ARMON
Checked	R. STROHM
Reviewed	R. STROHM

Forest: WALLOWA-WHITMAN N.F.

Project: SKULL TIMBER SALE

Sheet Title: PIT DEVELOPMENT PLAN

Scale: NTS

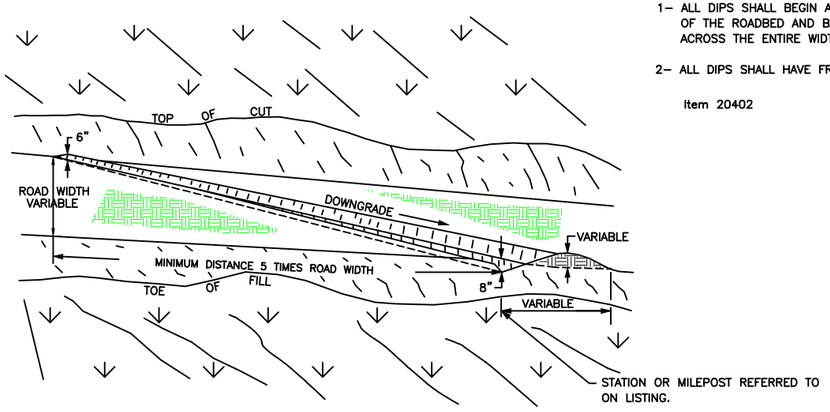
Sheet Number: 18 OF 19

DRAINAGE DETAILS

STANDARD DETAIL FOR UTAH DIP

NOT TO SCALE

Rd. 7725150



GENERAL NOTES

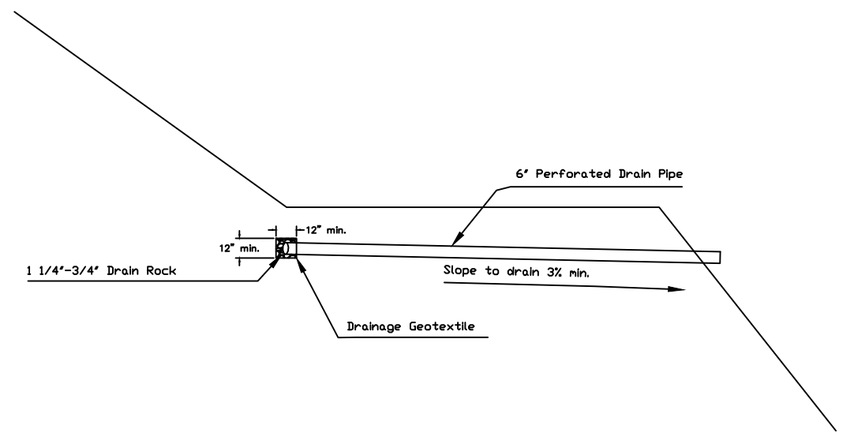
1– ALL DIPS SHALL BEGIN AT THE INTERSECTION OF THE ROADBED AND BACK SLOPE AND RUN ACROSS THE ENTIRE WIDTH OF THE ROADBED.

2– ALL DIPS SHALL HAVE FREE FLOWING OUTLETS.

Item 20402

STANDARD UNDERDRAIN DETAIL

NOT TO SCALE



U.S. DEPARTMENT OF AGRICULTURE
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Drawn	T. ARMON
Design	T. ARMON
Checked	R. STROHM
Reviewed	R. STROHM

Forest: WALLOWA-WHITMAN N.F.

Project: SKULL TIMBER SALE

Sheet Title: DRAINAGE DETAILS

Scale: NTS

Sheet Number: 19 OF 19